

CLAIMS

What is claimed is:

1. A heart beat signal wireless transmitter comprising a body which constructs a modular structure wherein the said body comprises a PC board carrying a signal transmitter and a pair of detachable fastening belt connected to the body separately through the clamping means provided on both sides of the body, and the said pair of fastening belt is made of fabric material of which the front part of each fastening belt is made of conductive fabric for forming the electrical connection with the PC board inside the body when the pair of fastening belt and the body are connected to each other through the clamping means on both sides of the body.
2. The heart beat signal wireless transmitter as defined in claim 1, wherein the detachable fastening belt is made of conductive fabric and non-conductive fabric.
3. The heart beat signal wireless transmitter as defined in claim 1, wherein the conductive fabric of the fastening belt is made of one of the materials of intrinsically conductive polymer, compounds with conductive fiber and electronic fabric.
4. The heart beat signal wireless transmitter as defined in claim 2, wherein the conductive fabric of the fastening belt is made of one of the materials of intrinsically conductive polymer, compounds with conductive fiber and electronic fabric.
5. The heart beat signal wireless transmitter as defined in claim 1, wherein the said pair of detachable fastening belt is fixed on the underwear by sewing.
6. The heart beat signal wireless transmitter as defined in claim 2, wherein the said pair of detachable fastening belt is fixed on the underwear by sewing.
7. The heart beat signal wireless transmitter as defined in claim 1, wherein the said pair of fastening belt is fixed on the bra by sewing.
8. The heart beat signal wireless transmitter as defined in claim 2, wherein the said pair of fastening belt is fixed on the bra by sewing.
9. The heart beat signal wireless transmitter as defined in claim 1, wherein the end portion of the said pair of fastening belt has a buckle assembly for buckling the fastening belt.
10. The heart beat signal wireless transmitter as defined in claim 2, wherein the end portion of the said pair of fastening belt has a buckle assembly for buckling the fastening belt.
11. The heart beat signal wireless transmitter as defined in claim 1, wherein a clamping plate having saw-toothed grip piece on the underside is pivotally installed on both sides of the said body, and can be lifted up and pressed down

around the center of the pivot.

12. The heart beat signal wireless transmitter as defined in claim 2, wherein a clamping plate having saw-toothed grip piece on the underside is pivotally installed on both sides of the said body, and can be lifted up and pressed down around the center of the pivot.
13. The heart beat signal wireless transmitter as defined in claim 1, wherein a slip plate having saw-toothed grip piece on the underside is installed on both sides of the said body through tenon-slot structure.
14. The heart beat signal wireless transmitter as defined in claim 2, wherein a slip plate having saw-toothed grip piece on the underside is installed on both sides of the said body through tenon-slot structure.
15. The heart beat signal wireless transmitter as defined in claim 1, wherein a press-in cover equipped with a spring snap piece, having saw-toothed grip piece on underside is installed on both sides of said body.
16. The heart beat signal wireless transmitter as defined in claim 2, wherein a press-in cover equipped with a spring snap piece, having saw-toothed grip piece on underside is installed on both sides of said body.
17. The heart beat signal wireless transmitter as defined in claim 1, wherein a female connecting hole is provided on the conductive fabric of the pair of fastening belt, and a male connecting head is provided on both sides of said body.
18. The heart beat signal wireless transmitter as defined in claim 2, wherein a female connecting hole is provided on the conductive fabric of the pair of fastening belt, and a male connecting head is provided on both sides of said body.